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09/13

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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,058

DATE: 09/16/2002

TIME: 14:55:14

Input Set : N:\Crf3\RULE60\10083058.raw

Output Set: N:\CRF4\09162002\J083058.raw

1 <110> APPLICANT: Havelund, Svend
 2 Jonassen, IB
 3 Balschmidt, Per
 4 Hoeg-Jensen, Thomas
 5 <120> TITLE OF INVENTION: Aggregates of Human Insulin Derivatives
 6 <130> FILE REFERENCE: 5386.214-US
 7 <140> CURRENT APPLICATION NUMBER: 10/083,058
 8 <141> CURRENT FILING DATE: 2002-02-25
 10 <150> PRIOR APPLICATION NUMBER: US/09/227,774
 11 <151> PRIOR FILING DATE: 1999-01-08
 14 <150> PRIOR APPLICATION NUMBER: US 09/193,552
 15 <151> PRIOR FILING DATE: 1998-11-17
 16 <150> PRIOR APPLICATION NUMBER: PCT/DK98/00461
 17 <151> PRIOR FILING DATE: 1998-10-23
 18 <150> PRIOR APPLICATION NUMBER: US 60/064,170
 19 <151> PRIOR FILING DATE: 1997-11-04
 20 <150> PRIOR APPLICATION NUMBER: DK 1218/97
 21 <151> PRIOR FILING DATE: 1997-10-24
 22 <160> NUMBER OF SEQ ID NOS: 4
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 7
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Synthetic
 W--> 31 <221> NAME/KEY: VARIANT
 32 <222> LOCATION: (1)...(7)
 33 <223> OTHER INFORMATION: Xaa = Any Amino Acid
 W--> 34 <400> 1
 W--> 35 Phe Xaa Xaa Xaa Xaa Xaa Xaa
 36 1 5
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 6
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Synthetic
 W--> 44 <221> NAME/KEY: VARIANT
 45 <222> LOCATION: (1)...(6)
 46 <223> OTHER INFORMATION: Xaa = Any Amino Acid
 W--> 47 <400> 2
 W--> 48 Phe Xaa Xaa Xaa Xaa Xaa

ENTERED

RAW SEQUENCE LISTING

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Input Set : N:\Crf3\RULE60\10083058.raw

Output Set: N:\CRF4\09162002\J083058.raw

```
49      1      5
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 5
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Synthetic
W--> 57 <221> NAME/KEY: VARIANT
58 <222> LOCATION: (1)...(5)
59 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 60 <400> 3
W--> 61      Tyr Xaa Xaa Xaa Xaa
62      1      5
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 4
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Synthetic
W--> 70 <221> NAME/KEY: VARIANT
71 <222> LOCATION: (1)...(4)
72 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 73 <400> 4
W--> 74      Thr Xaa Xaa Xaa
75      1
```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/083,058

DATE: 09/16/2002
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Input Set : N:\Crf3\RULE60\10083058.raw
Output Set: N:\CRF4\09162002\J083058.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3,4,5,6,7

Seq#:2; Xaa Pos. 2,3,4,5,6

Seq#:3; Xaa Pos. 2,3,4,5

Seq#:4; Xaa Pos. 2,3,4

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/083,058

DATE: 09/16/2002

TIME: 14:55:15

Input Set : N:\Crf3\RULE60\10083058.raw

Output Set: N:\CRF4\09162002\J083058.raw

L:31 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:34 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:35 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:44 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:47 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:57 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:60 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:3
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:70 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:73 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:4
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0